Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 27 Jan 2023 until 23:59 on Saturday 28 Jan 2023

Forecast Issued on Thursday 26 Jan 2023 at 15:43

Confidence: High confidence for settled conditions for the start of the period with cold conditions persisting. Poor visibility may become a hazard on Friday and Saturday with the risk of extensive mist and fog or freezing fog. Turning milder for a time on Sunday but lower confidence around the timing of milder air arriving.

Headline for Friday 27 Jan 2023: Mainly dry with some bright spells, perhaps some early mist and fog.

Mountain weather hazards on Friday 27 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain showers (night)	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability							
10%	20%	20%	20%	20%	20%	20%	20%

Forecast for Friday 27 Jan 2023

Weather: Cloudy overnight with a few light showers and mist and fog/freezing fog patches may form around dawn when winds are light, a frost is also expected. Any mist and fog will clear during the morning with cloud lifting above most tops and a dry and bright afternoon is likely with some sunny intervals. Mist and fog patches are likely to reform during the evening.

Chance of cloud-free hill tops above 600m: 70% rising to 90% as any early mist and fog lifts.

Low cloud and visibility: Scattered cloud above 500m may affect northern hills in the early morning with mist and fog more likely here. Visibility will be moderate or poor in any mist and fog but as this lifts and clears visibility will become very good for much of the day. Visibility is likely to be hazy from mid afternoon and turning moderate or poor as any mist and fog reforms later.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Friday 27 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 N	11/16 NE	11/15 NE	9/12 NE	6/9 NE	4/6 N	4/7 W	6/8 SW	8/11 SW
300	6/11 N	6/10 NE	7/12 NE	5/9 NE	5/8 NE	3/5 N	3/5 W	4/5 SW	4/6 SW
Valley	4/12 N	4/12 N	4/12 NE	4/10 NE	3/6 NE	3/5 NW	2/6 NW	2/4 S	2/6 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-5	1/-4	0/-4	0/-4	1/-2	1/-1	0/-2	-0/-4	-1/-5
300	3/0	3/0	3/-0	3/0	4/2	4/3	2/1	2/-0	1/-1
Valley	2/1	3/1	2/0	2/1	5/4	5/4	2/1	1/-0	0/-1
Freezing Level*	700m	700m	700m	600m	600m	600m	600m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A dry settled day with some sunshine, feeling cold out on the hills.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 26 Jan 2023	0.2mm	4mm	4mm

Forecast for Saturday 28 Jan 2023

Weather: Remaining cold with mist and fog or freezing fog likely to be quite extensive at first on Saturday morning with some drizzle or light rain at times. The cloudy conditions are likely to persist all day although cloud may lifting and some bright spells for some areas later in the day but further mist and fog a possibility by the evening, feeling very cold with the low cloud and damp conditions.

Maximum wind: Light westerly winds 10-15mph.

Chance of cloud-free hill tops above 600m: 40% rising to 60% during the afternoon as mist and fog clears.

Low cloud and visibility: Broken low cloud layers above 300m are likely with poor general visibility expected in fog patches and drizzle, visibility may be very poor at times where the fog is most prevalent. Improving during the afternoon with some good visibility likely for most places for a time. Cloud will become patchy above 600m in the afternoon before lowering and thickening again in the evening time.

Temperature: **Valleys:** Plus 1 rising to 4 Celsius.
At 600m: Minus 1 Celsius rising to plus 3 Celsius.
Freezing level: 600m rising to 1400m for a time.

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